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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/050,661	01/16/2002	Jianhua Fan		6030
7590	11/22/2004		EXAMINER	
Jianhua Fan			CHIN, RANDALL E	
APT. C-2				
5800 MAUDINA AVE.			ART UNIT	PAPER NUMBER
NASHVILLE, TN 37209			1744	

DATE MAILED: 11/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/050,661	FAN, JIANHUA	
	Examiner Randall Chin	Art Unit 1744	<i>[Signature]</i>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 29 October 2004.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-5 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-4 is/are rejected.
- 7) Claim(s) 5 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) All    b) Some \* c) None of:
      1. Certified copies of the priority documents have been received.
      2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                       |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)   |
| Paper No(s)/Mail Date _____.  | 6) <input checked="" type="checkbox"/> Other: <i>See Continuation Sheet</i> . |

Continuation of Attachment(s) 6). Other: the proposed drawing corrections filed 29 October 2004 are approved, however, st contain objections which have been set forth in the Office Action.

## DETAILED ACTION

### *Specification*

1. The substitute specification filed October 29, 2004 has been accepted, however, still includes objections as set forth below.

35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification still includes terms which are not grammatically clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph. Applicant's cooperation is respectfully requested in clarifying all errors upon reviewing the application.

Examples of some unclear, inexact or verbose terms used in the specification are:

On p. 1, line 10, "mop" should read --mops--.

On p. 1, line 12, "apparatus has" should read --apparatuses have--.

On p. 2, line 4, after "allows", insert --a--.

On p. 2, line 4, "easy" should read --easily--.

On p. 2, lines 15-16, "which bases on the first embodiment" is awkwardly written.

On p. 3, lines 6-7, "Each of the absorbent material turned around the second holder is awkwardly written and grammatically improper.

On p. 4, lines 6, 19 and 22, "in twisting position" should read --in a twisting position--.

On p. 4, line 21 and p. 5, lines 2 and 3, "in using position" should read --in a using position--.

On p. 6, line 10, "includes" should read --include--.

On p. 7, line 4, "lond" should read --long--.

On p. 7, line 15, "workes" should read --works--.

On p. 7, "sleeve moving control 22" (line 13) and "control button 22" (lines 15-16) cannot have the same reference numerals.

Abstract, line 1, "allows user" should read --allows a user--.

Again, the above cited errors are only a few examples and Applicant's cooperation is respectfully requested in clarifying all errors upon reviewing the application.

### ***Drawings***

2. The drawings are objected to because Figure 5 includes no reference numerals 22 and 24 which has been referred to in the specification at p. 7, lines 12-13 with reference to Figure 5.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering

of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Claim Objections***

3. Claims 1, 2 and 5 are objected to because of the following informalities:

The structure which goes to make up the device must be clearly and positively specified. Note the format of the claims in the patent(s) cited.

Claim 1, line 3, "two end" should read –two ends--.

Claim 1, line 3, before "lower" (second occurrence), insert –a--.

Claim 1, line 4, before "upper end", insert –an--.

Claim 2, it is unclear where the "twisting part with an extension twisting handle" is located on the mop.

Claim 5, it is suggested to change "push the control button to release the twisting part" to –whereby, the control button is pushed to release the twisting part—for clarity.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Hauser '101.

Hauser '101 teaches a mop 10, comprising a long handle, the long handle having an upper handle at 12 (Fig. 1), a bow portion 22, 26, 30, and a lower handle 16 (Fig. 1), the bow portion having two ends, one end connects to a lower end of the upper handle and another end connects to an upper end of the lower handle, and a mass of absorbent material 40 (col. 3, lines 20-21) being fixed on the lower end of the lower portion.

As for claim 2, sleeve 21 (Fig. 4) serves as a twisting part defining an "extension twisting handle" since sleeve 21 can freely rotate or "twist."

As for claim 3, the mass of absorbent material is held at one end by a mass of absorbent material holder 34, 36 (Fig. 2).

As for claim 4, hand grip 18 or 20 serves as a bow holder on the bow for easily turning (Fig. 1).

#### ***Allowable Subject Matter***

6. Claim 5 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and rewritten to overcome the above cited claim objections.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references to Biggs, Hoffman, and Bryngelsson are relevant to various mop configurations with special handle configurations.

9. Any inquiry concerning this communication or earlier communication from the Examiner should be directed to Randall Chin whose telephone number is (571) 272-1270. The Examiner can normally be reached on Monday through Thursday and every other Friday.

If attempts to reach the Examiner are unsuccessful, the Examiner's supervisor, Robert Warden, can be reached at (571) 272-1281. The number for Technology Center 1700 is (571) 272-1700.

The central fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
R. Chin



Randall Chin  
Primary Examiner  
Art Unit 1744